GOVERNMENT OF INDIA
DRINKING WATER AND SANITATION
LOK SABHA

UNSTARRED QUESTION NO:715
ANSWERED ON:28.04.2016
Water Purification Plants
Karandlaje Km. Shobha

Will the Minister of DRINKING WATER AND SANITATION be pleased to state:

(a) whether the Union Government is aware of the setting up of community water purification plants using R.O. technology in those villages of Karnataka where groundwater has been found to be contaminated;

(b) if so, the details thereof; and

(c) whether the Government is aware that the minerals essential for human body are also extracted from the water purified by R.O. technology and if so, the details thereof, and the concrete remedial steps taken or proposed to be taken by the Government to address the problem?

Answer

MINISTER OF STATE
IN THE MINISTRY OF DRINKING WATER AND SANITATION
(SHRI RAM KRIPAL YADAV)

(a) & (b) : The Ministry of Drinking Water and Sanitation, Government of India is aware that Karnataka State Government is implementing Community Purification Plants using Reverse Osmosis (RO) Technology mostly in fluoride affected rural habitations. Rural Drinking Water & Sanitation Department, Government of Karnataka have informed that so far 2,432 community water purification plants using RO Technology have been commissioned. Further, NITI Aayog has provided Rs.59.90 crore for installation of community purification plants in all remaining fluoride affected habitations before March 2017.
(c): The Ministry of Drinking Water and Sanitation is aware that RO technology can remove almost all minerals in water, and, therefore, State Governments have been advised to maintain adequate total dissolved solids (TDS) concentration in treated water so that essential minerals like calcium, magnesium and sodium are available for human consumption. Government of Karnataka have informed that the water purification plants are so designed to retain minerals essential for human body in the treated water.